



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/694,568	10/27/2003	Stephen Michael Hartley	858-011568-US(PAR)	3544
2512	7590	07/09/2008		
PERMAN & GREEN 425 POST ROAD FAIRFIELD, CT 06824			EXAMINER SALOMON, PHENUEL S	
			ART UNIT 2178	PAPER NUMBER
			NOTIFICATION DATE 07/09/2008	DELIVERY MODE ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

<b>Office Action Summary</b>	<b>Application No.</b> 10/694,568	<b>Applicant(s)</b> HARTLEY, STEPHEN MICHAEL	
	<b>Examiner</b> PHENUEL S. SALOMON	<b>Art Unit</b> 2178	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 09 April 2008.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1,2,4-10,12-16,18-24,26-30,32-38,40-43,45-47,49-58 and 61-63 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-2,4-10,12-16,18-24,26-30,32-38,40-43,45-47,49-58 and 61-63 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

### **DETAILED ACTION**

1. This action is in response to the amendment filed on April 09, 2008.
2. Claims 1, 2, 4, 6, 7, 12-16, 18, 21, 26-30, 32, 35, 40-43, 47, 49, 52, 56-58, and 63 are amended; claims 3, 11, 17, 25, 31, 39, 44, 48, and 59-60 are cancelled, and claims 1-2, 4-10, 12-16, 18-24, 26-30, 32-38, 40-43, 45-47, 49-58 and 61- 63 are pending.
3. The rejections of claims , 3 9, 12, 14-15, 17, 23, 26, 28-29, 31, 37, 40, 42-43, 46, 48, 54, 56, 58, and 61-63 under 35 U.S.C. 103(a) as being unpatentable over Meppelink et al. (US 5,542,069) in view of Sullivan (US 5,737,557) have been withdrawn pursuant to applicant amendments and claims cancellation.
4. The rejections of claims 2, 4-8, 10, 13, 16, 18-22, 24, 27, 30, 32-36, 38, 41, 45, 47, 49-50, 51-53, 55, 57, under 35 U.S.C. 103(a) as being unpatentable over Meppelink et al. (US 5,54,069) in view of Sullivan (5,737,557) and in further view of Bahrs (7,181,686 B1) have been withdrawn pursuant to applicant amendments.

### ***Claim Objections***

5. Claims 27-28 are objected to because of the following informalities: These claims are dependent claims and they should begin with the word “The” instead of “A”. Appropriate correction is required.

### ***Claim Rejections - 35 USC § 103***

Art Unit: 2178

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 1, 9, 12, 14-15, 23, 26, 28-29, 37, 40, 42-43, 46, 54, 56, 58, and 61-63 are rejected under 35 U.S.C. 103(a) as being unpatentable over Meppelink et al. (US 5,542,069) in view of Sullivan (US 5,737,557) and in further view of Brendle (US 2003/0222919 A1).

Claims 1, 15, 29 and 43: Meppelink discloses a method, comprising:

determining a view chain comprising at least two entries, each of said entries comprising an application identifier and a view identifier; wherein a view identified by said view identifier is associated with an application identified by said application identifier;

passing said view chain to a view router from a first application (col. 4, lines 39-50);

automatically by said view router (col. 4, lines 49-50) [the router routes real I/O messages which is done automatically] but does not disclose launching at least one first view based on said view route and continuing said first application when at least part of said view chain has been processed. However, Sullivan discloses a plurality of buttons, which correspond to individual software suite when select one of the access buttons open or launch the corresponding software (col. 5, lines 25 -45). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to include view launcher in Meppelink. One would have been motivated to do so in order to define dynamically new view routes while application is being executed, but do not disclose,

determining a view chain comprising at least two entries, each of said entries comprising an application identifier and a view identifier; wherein a view identified by said view identifier is associated with an application identified by said application identifier;

However, Brendle discloses the view is a page of a computer application displayed within a portal in window 210. In such embodiments, the portal may contain links, buttons, etc. for navigating between views and between different applications [portal may contain links, buttons, etc.; therefore, entries are part of the page also and usually in a portal many different combinations of user input are used in order to convey user's actions/information]. The application or applications may be configured to share the page status with the portal (p.3, para. [0033]). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to include view chain in Meppelink. One would have been motivated to do so in order to better convey operating information to the user.

Claims 9, 23, 37 and 54: Meppelink, Sullivan and Brendle disclose the method, system, an electronic device and a computer program as in claims 1, 15, 29 and 43 above, Sullivan further discloses said view comprises user interface elements (fig 1a &b). One would have been motivated to do so in order to facilitate access to resources regarding the various application programs.

Claims 12, 26, 40 and 56: Meppelink, Sullivan and Brendle disclose the method, system, an electronic device and a computer program as in claims 1, 15, 29 and 43 above, Meppelink further discloses at least part of said view chain is specified in the memory of said electronic device (fig. 1) [it is old and well known within the computing arts in order to run a program/code a portion of the memory is allocated to that particular program].

Art Unit: 2178

Claims 14, 28, 42 and 58: Meppelink, Sullivan and Brendle disclose the method, system, an electronic device and a computer program as in claims 1, 15, 29 and 43 above, Meppelink further discloses said view chain is determined based on user actions (col. 3, lines 33-41).

Claim 46: Meppelink, Sullivan and Brendle disclose the computer program according to claim 43, Meppelink further discloses said computer readable medium is a magnetic or optical disk (fig. 1, item 18).

Claim 61: Meppelink, Sullivan and Brendle disclose the computer program according to claim 43, Meppelink further discloses said view router is implemented as a library (fig. 1, item 18).

Claim 62: Meppelink, Sullivan and Brendle disclose the computer program according to claim 43, Meppelink further discloses said view router is implemented as an own application (col. 2, lines 24-40).

Claim 63: Meppelink discloses an electronic device, comprising:

a second application (modules) comprising at least one view (col. 4, lines 39-50) [I/O constitute a plurality of views or windows]; and

a view router configured(col. 4, lines 39-50) but does not explicitly disclose to launch said at least one view automatically based on said view chain and to continue said first application when at least part of said view chain has been processed. However, Sullivan discloses a launching a financial software suite with a plurality of buttons, which correspond to individual software suite when select one of the access buttons open or launch the corresponding software (col. 5, lines 25 -45). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to include view launcher in Meppelink. One would have been motivated to do so in order to facilitate the user interaction with the device features even while application is being executed, but do not disclose:

a first application, said first application configured to determine a view chain comprising at least two entries, each said entry comprising an application identifier and a view identifier, a view identified by said view identifier being associated with an application identified by said application identifier;

However, Brendle discloses the view is a page of a computer application displayed within a portal in window 210. In such embodiments, the portal may contain links, buttons, etc. for navigating between views and between different applications [portal may contain links, buttons, etc.; therefore, entries are part of the page also and usually in a portal many different combinations of user input are used in order to convey user's actions/information]. The application or applications may be configured to share the page status with the portal (p.3, para. [0033]). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to include view chain in Meppelink. One would have been motivated to do so in order to better convey operating information to the user.

8. Claims 2, 4-8, 10,13, 16, 18-22, 24, 27, 30, 32-36, 38, 41, 45, 47, 49-50, 51-53, 55, 57, are rejected under 35 U.S.C. 103(a) as being unpatentable over Meppelink et al. (US 5,54,069) in view of Sullivan (5,737,557) in view of Brendle (US 2003/0222919 A1) and in further view of Bahrs (7,181,686 B1).

Claims 2, 16, 30 and 47: Meppelink, Sullivan and Brendle disclose the method, system, an electronic device and a computer program as in claims 1, 15, 29 and 43 above, but do not disclose

gathering data from said at least one first view; and passing said data from said view router to said first application or to a subsequent application in said view chain. However, Bahrs discloses a data collection method from user and processing such data (col 4, lines 20 -30). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to include data

Art Unit: 2178

collection in Meppelink. One would have been motivated to do so in order to simulate user actions in a reliable manner.

Claims 4, 18, 32 and 49: Meppelink, Sullivan Brendle and Bahrs disclose the method, system, an electronic device and a computer program as in claims 2, 16, 30 and 47 above, Bahrs further discloses said data is organized into a journal list comprising an entry for each view in said view chain (col. 19, lines 1-8). One would have been motivated to do so in order to facilitate the user interaction with different views.

Claims 5, 19, 33 and 50: Meppelink, Sullivan Brendle and Bahrs disclose the method, system, an electronic device and a computer program as in claims 2, 16, 30 and 47 above, Bahrs further discloses said data is organized into a list of type and value pairs (col. 48, lines 37-45). One would have been motivated to do so in order to dynamically refresh or change the view display.

Claims 6, 20, 34 and 51: Meppelink, Sullivan Brendle and Bahrs disclose the method, system, an electronic device and a computer program as in claims 5, 19, 33 and 50 above, Bahrs further discloses said data type and value pairs are defined in a markup language format (col. 48, lines 37-50). One would have been motivated to do so in order to dynamically refresh or change the view display.

Claims 7, 21, 35 and 52: Meppelink, Sullivan Brendle and Bahrs disclose the method, system, an electronic device and a computer program as in claims 2, 16, 30 and 47 above, Sullivan further discloses said view router provides a generic interface with generic methods and acts as an adapter for returning data from said at least one first view to said first application or a subsequent application in said view chain (col. 5, lines 25-49) [It's inherent that closing the view of an application will automatically return



all the data from the view to the said application]. One would have been motivated to do so in order to have a faster data processing system.

Claims 8, 22, 36 and 53: Meppelink, Sullivan Brendle and Bahrs disclose the method, system, an electronic device and a computer program as in claims 1, 15, 29 and 43 above, Bahrs further discloses said electronic device has a graphical user interface (col. 14, lines 1-6). One would have been motivated to do so in order to maintain and facilitate access to contextual information regarding the various application programs or files stored on the device.

Claims 10, 24, 38, and 55: Meppelink, Sullivan Brendle and Bahrs disclose the method, system, an electronic device and a computer program as in claims 8, 22, 36 and 53, Sullivan further discloses said view is a window opened during said launching step (col. 8, lines 66-67 and col. 9, lines 1-5). One would have been motivated to do so in order to facilitate the normal operation of the device by the user.

Claims 13, 27, 41 and 57: Meppelink, Sullivan and Brendle disclose the method, system, an electronic device and a computer program according to claim 12, 12, 26, 29 and 56 above, but do not explicitly disclose said view chain is updated based on user actions. However, Bahrs discloses a user input is received at a container handled by a view controller, wherein the user input requests a change in permissions..." (col. 3, lines 61-67). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to dynamically update view route based on user action. One would have been motivated to do so in order to have a user-friendly device.

Claim 45: Meppelink, Sullivan and Brendle disclose the computer program according to claim 43 above, but do not explicitly disclose said computer readable medium is a removable memory card. However,

Art Unit: 2178

Bahrs discloses a floppy disc as a type of removable readable medium (col.66, lines 30-33). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to use a removable medium in Meppelink. One would have been motivated to do so in order to be more flexible in term of usage.

### ***Response to Arguments***

9. Applicant's arguments filed on 04/09/2008 have been fully considered but they are not persuasive.

With respect to claims 1, 15, 29, 43, and 63 applicant argues:

a). The view router in Meppelink does not launch views and does not perform the launching of views automatically, since the view router in Meppelink is only a channel for storing data, which may be implemented as a passive memory buffer or array, as appreciated by a person skilled in the art.

In response, examiner respectfully disagrees and submit that Sullivan discloses a plurality of buttons, which correspond to individual software suite when select one of the access buttons open or launch the corresponding software (col. 5, lines 25 -45). Meppelink discloses at (col. 4, lines 39-50) "the router 62 also routes real I/O messages between stream modules 48 (where appropriate data is collected) and the window server 32" then forward all necessary information to the targeted application program for execution and further display the view(s).

As per the remaining arguments, they are moot in view of new ground(s) of rejections.

***Conclusion***

10. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

11. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

a. Barker et al. (US 4,714,918) discloses window view control.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phenuel S. Salomon whose telephone number is (571) 270-1699. The examiner can normally be reached on Mon-Fri 7:00 A.M. to 4:00 P.M.(Alternate Friday Off) EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on (571) 272 4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-3800.

Art Unit: 2178

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

PSS

6/27/2008

/Stephen S. Hong/

Supervisory Patent Examiner, Art Unit 2178